

2nd Workshop of the *MiR-TANGo* International Associated Laboratory
2^e Atelier du Laboratoire International Associé *MiR-TANGo*



microRNAs

mediators of differentiation
and biomarkers of diseases

Organizing Committee

Claudine Kieda co-chair
Józef Dulak co-chair
Catherine Grillon
Alicja Józkwicz
Agnieszka Łoboda
Jean-Claude Michalski
Joanna Uchto

Speakers

Patrick Baril
Hélène Bénédetti
Salem Chouaib
Catherine Grillon
Christophe Grosset
David Israeli
Eva Jakab-Toth
Artur Jarmołowski
Barbara Jarzab

Krystian Jażdżewski
Alicja Józkwicz
Claudine Kieda
Marcin Mycko
Stéphane Petoud
Krzysztof Selmaj
Marcin Skrzypski
Bartosz Wojtaś



© Zigmunt.Pi

4–6 December 2014

Collegium Maius
Jagiellonian University
Jagiellońska 15, Kraków, Poland

Contact:

France: claudine.kieda@cnr-s-orleans.fr
Poland: jozef.dulak@uj.edu.pl



Scientific program Jagiellonian University-CNRS, 4-6 December, 2014	
Thursday, 4 th December	
Time	Speaker & Title
15.00 – 17.00	Registration
17.00 – 17.15	Opening Claudine Kieda & Józef Dulak
Session I <i>Chairs: Claudine Kieda & Józef Dulak</i>	
17.15 – 17.45	Lecture: <u>Alicja Józkowicz</u> <i>Stressful way to maturation: mir-206 in myogenesis</i>
17.45 – 18.15	Lecture: <u>Eva Jakab-Toth</u> <i>Molecular imaging probes based on metal complexes</i>
18.30 – 20.30	<i>Get-together</i>
Friday, 5 th December	
8.30 – 8.45	Opening/Introduction
Session II <i>Chairs: Chantal Pichon & Krzysztof Szade</i>	
8.45 – 9.15	Lecture: <u>Krzysztof Selmaj</u> <i>miRNA 146a controls MSC immunoregulatory potential</i>
9.15 – 9.45	Lecture: <u>Marcin Mycko</u> <i>miR-301a and miRNA-155 involvement in autoimmune demyelination</i>
9.45 – 10.15	Lecture: <u>Marcin Skrzypski</u> <i>State of the art and methodology of quantitative miRNA based markers in lung cancer</i>
10.15 – 10.30	Short talk: <u>Karolina Bukowska-Strakova</u> <i>A deficiency in heme oxygenase 1 leads to decrease in miR-155 level and in turn to up-regulation of C/EBPβ and increased proliferation of granulocytic precursors</i>
10.30 – 10.45	Short talk: <u>S�everine Morisset-Lopez</u> <i>Targeting EGFR-interacting proteins as a new strategy for the treatment of glioma</i>
10.45 – 11.15	<i>Coffee break</i>
Session III <i>Chairs: Agata Szade & Hevidar Taha Rostinki</i>	
11.15 – 11.45	Lecture: <u>Bartosz Wojtas, Barbara Jarzab</u> <i>miRNA in follicular thyroid cancer</i>
11.45 – 12.15	Lecture: <u>Claudine Kieda</u> <i>miR modulation of pathologic angiogenesis and potential anti hypoxia treatments</i>

12.15 – 12.45	Lecture: <u>Christophe Grosset</u> <i>Post-transcriptional regulation of Glypican-3 by multiple microRNAs in liver carcinogenesis</i>
12.45 – 13.00	Short talk: <u>Bouchra Rahbi</u> <i>pO₂ and PTEN-dependent microRNAs associated to tumor angiogenesis normalization</i>
13.00 – 13.15	Short talk: <u>Kim Bundvig Barken</u> (Exiqon) <i>Identification of microRNA biomarkers from exosomes in biofluids</i>
13.00 – 14.00	Lunch
Session IV <i>Chairs: Marta Seczyńska & Witold Nowak</i>	
14.00 – 14.30	Lecture: <u>David Israeli</u> <i>Dysregulated circulating miRNA in muscular dystrophies: biomarkers for therapy and indicators for disease molecular mechanisms</i>
14.30 – 14.45	Short talk: <u>Katarzyna Pietraszek</u> <i>Role of microRNAs in Duchenne muscular dystrophy</i>
14.45 – 15.00	Short talk: <u>Anna Gese</u> <i>Muscle regeneration in cardiotoxin-treated HO-1 knock-out and miR-378 knock-out mice</i>
15.00 – 15.15	Short talk: <u>Ryszard Czipicki</u> <i>Muscle regeneration in cardiotoxin-treated Nrf2 knock-out mice and miR-146a knock-out mice</i>
15.15 – 15.30	Short talk: <u>Maciej Cieśla</u> <i>Valproic acid: epigenetic modifier of rhabdomyosarcoma pathology</i>
15.30 – 16.00	Coffee break
Session V <i>Chair: Agnieszka Jaźwa & Maciej Bąk</i>	
16.00 – 16.30	Lecture: <u>Krystian Jazdzewski</u> <i>How to find novel microRNA gene</i>
16.30 – 17.00	Lecture: <u>Patrick Baril</u> <i>RILES, an engineered genetic switch expression system for a better understanding of microRNAs regulation under physio- and pathological conditions</i>
17.00 – 17.30	Lecture: <u>Hélène Benedetti</u> <i>New therapeutic targets to treat Neurofibromatosis type 1</i>
17.30 – 17.45	Short talk: <u>Neli Kachamakova-Trojanowska</u> <i>Global miRNA expression in Treg cells from patients with pulmonary sarcoidosis</i>
17.45 – 18.00	Short talk: <u>Szymon Czauderna</u> <i>Influence of apolipoprotein E isoform on microRNA transcriptome in macrophages</i>
18.00 – 19.30	Get-together

Saturday, 6th December	
Session VI <i>Chairs: Ewa Janosz & Damian Klóska</i>	
9.00 – 9.30	Lecture: <u>Catherine Grillon</u> <i>Skin physioxia and microRNAs in photoaging</i>
9.30 – 10.00	Lecture: <u>Artur Jarmolowski</u> <i>Posttranscriptional regulation of microRNA biogenesis in plants</i>
10.00 – 10.15	Short talk: <u>Urszula Florczyk</u> <i>Nrf2 exerts inhibitory effect on osteoclastogenesis – a link to miR-378</i>
10.15 – 10.30	Short talk: <u>Bart Krist</u> <i>Deficiency of miR-378 impairs revascularisation after hind limb ischemia</i>
10.30 – 11.00	Coffee break
Session VII <i>Chairs: Anna Kusienicka & Mateusz Jeż</i>	
11.00 – 11.30	Lecture: <u>Salem Chouaib</u> <i>Hypoxia induced miR210 involvement in tumor susceptibility to CTL lysis and MDSC-mediated immune suppression</i>
11.30 – 11.45	Short talk: <u>Anna Grochot-Przeczek</u> <i>Usefulness of miRNA expression in solving a puzzle: a story on anti-cancer experimental therapy</i>
11.45 – 12.00	Short talk: <u>Mateusz Tomczyk</u> <i>HO-1 deficiency increases mobilization of inflammatory monocytes and impairs heart function in a mouse model of acute myocardial infarction</i>
12.00 – 12.15	Short talk: <u>Dagmara Baczynska</u> <i>High glucose concentration decreases VEGF expression via regulation of microRNA in endothelial progenitor cells</i>
12.15 – 13.15	Lunch
Session VIII <i>Chairs: Monika Żukowska & Mateusz Mendel</i>	
13.15 – 13.45	Lecture: <u>Stephane Petoud</u> <i>Visible and NIR Emitting Lanthanide Molecules and Nanomaterials for Hypoxia Sensing and Biological Imaging</i>
13.45 – 14.00	Short talk: <u>Agnieszka Łoboda</u> <i>Heme oxygenase-1 and microRNAs in ochratoxin A and cyclosporine A-induced nephrotoxicity</i>
14.15 – 14.30	Short talk: <u>Jacek Stepniewski</u> <i>Effect of HO-1 and Nrf2 deficiency on generation and differentiation of induced pluripotent stem cells – the involvement of microRNAs</i>
14.30 – 14.45	Short talk: <u>Krzysztof Klimkiewicz</u> <i>3 dimensional cell model of the tumor microenvironment – a reliable tool to study tumor development and potential treatments</i>
End of meeting	